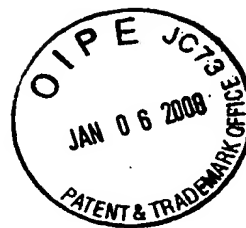


SEQUENCE LISTING



<110> Fallon, Robert D.  
Payne, Mark S.  
Picataggio, Stephen K.  
Wu, Shijun

<120> Transformed Yeast Strains and Their Use for the  
Production of Monoterminal and Diterminal Aliphatic  
Carboxylates

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 gctttaatcg atatcattaa agttagaaaa gcagggtcaat tagccgacta tactgatact 240  
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 <212> DNA  
 <213> Candida maltosa

<220>  
 <223> cytochrome P450 monooxygenase Alk5-A

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 gctaaaccag tgactaatgt cttgaatgat ggggtttttg gtataccaaa tggatatcaa 180  
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 ggtcccaaac caaaagtggg gacatattta ttcaagttat ttactaaaga tgttctcgtg 300  
 accaaagatc cagaaaacat taaagcgatc ttagctactc aatttgaaga tttttcatta 360  
 ggtaaaagat tggatttttt taaaccattg ttggggtagc ggatattcac attggacggg 420  
 gaagggtgga aacatagtcg tgccatgttg agaccacaat ttgctagaga acaagtcgga 480  
 catgttaaat taatcgagcc acatttccaa tcattgaaga aacatataat taaaaataaa 540  
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 aattaa 1566

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 <212> DNA  
 <213> Candida maltosa

<220>  
 <223> cytochrome P450 monooxygenase Alk6-A

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 gtttctatcc ttccaggatt aggttttgat atgtttttca aagacactgc agagatgacc 180  
 aaaaacgggg gtttgcataa aaaactccaa caaatgttgg aatcactcca aaccaccact 240  
 tttagatctc gaatgttgac aggatcccaa attgtcacca tggaaaccaga aaacgaacgt 300  
 accatgtgta gcagtgccca tatgaaagat tggaccattg ggtatagacc atttgcgttg 360  
 aagccattat taggtgatgg tattttctct agtgaagggt aatcatggaa acatagtcgt 420  
 attatgctta gaccgatatt tgccaaggaa catatcaaac aaataactgc catggaacca 480  
 tatatgttgc tgcttattga aattatcaag agtagtagtg caaacgaagg gccggtggat 540  
 ttgcaaccgt tgtttcatgc attcactatt gattatgcta gtgacttttt gtttggcgaa 600  
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 gtgaagagag actttgcttc tgtgtttaat gacgtccaga attacttgac gaaaagaatg 720  
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 <212> DNA  
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 <223> cytochrome P450 monooxygenase Alk7

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<210> 42  
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 <212> DNA  
 <213> Candida maltosa

<220>  
 <223> cytochrome P450 monooxygenase Alk8

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tttttcgata ttcaagaatt gtttttcaga tttacggttg attctgctac ggagttttta 600
ttcgggtgaat cggtttctgc gttgaaggat gagtctattg ggtatgatca agaagagatt 660
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<210> 43
<211> 2043
<212> DNA
<213> Candida maltosa

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<220>
<223> cytochrome P450 reductase

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accgctggtg gtaattccag agatatcttg gaaacattaa agaagaataa taaaaataca 180
ttattactat ttgggtctca aactggtact gctgaagatt atgctaataa attaataga 240
gaaatacatt caagatttgg tttaaaaact atgggtgcag attttgccga ttacgatttg 300
gacaatttgc gtgatattcc aaatgatata ttggttttct ttattgttgc tacttacggt 360
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ggtccaagaa	acaagtttaa	caaattcaaa	ttaccagttc	atgtcagaag	atccaatttc	1560
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